

Title (en)
HEAD-UP DISPLAY DEVICE

Title (de)
BLICKFELDDANZEIGEVORRICHTUNG

Title (fr)
DISPOSITIF D'AFFICHAGE TÊTE HAUTE (HUD)

Publication
EP 3015903 A1 20160504 (EN)

Application
EP 14817400 A 20140619

Priority
• JP 2013131640 A 20130624
• JP 2014066256 W 20140619

Abstract (en)
Provided is a head-up display device that can be aesthetically pleasing, thereby improving marketability A HUD device (1) is provided with: a display device (20) that outputs display light (L) that represents a display image; a combiner (50) that has a concave surface (50a) to which the display light (L) output by the display device (20) falls incident, said combiner (50) concentrating the incident display light (L) so as to allow an observer (2) to see the display image from the concave surface (50a) side superimposed on a background in front; and an optical sensor (31) that is positioned so as to face the concave surface (50a) and detects the brightness of external light (N1) that passes through the combiner (50) and falls incident thereon.

IPC 8 full level
G02B 27/01 (2006.01); **B60K 35/00** (2006.01)

CPC (source: EP US)
B60K 35/00 (2013.01 - EP US); **B60K 35/22** (2024.01 - EP); **B60K 35/53** (2024.01 - EP); **G01J 1/4204** (2013.01 - US); **G02B 27/01** (2013.01 - EP US); **G02B 27/0101** (2013.01 - US); **G02B 27/0149** (2013.01 - US); **B60K 35/22** (2024.01 - US); **B60K 35/53** (2024.01 - US); **B60K 2360/66** (2024.01 - EP US); **B60R 2300/205** (2013.01 - US); **G02B 2027/0118** (2013.01 - EP US); **G02B 2027/013** (2013.01 - US); **G02B 2027/0161** (2013.01 - US)

Designated contracting state (EPC)
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Designated extension state (EPC)
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